Chandler Bing

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Highlights of Qualifications

- Enrolled in level 3 of the 4-year Computer Engineering Co-op Program
- Exhibit strong organizational skills through participation in DeltaHacks
- Competent in test automation and software/hardware test verification
- Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues

Technical Skills

Programming Languages:

Python	MATLAB
C/C++	Verilog
Java	HTML

Software:

Quartus II	Visual Studio
Inventor	Code Blocks
ModelSim	Atom
NetBeans	SQL

Hardware:

FPGA	PLCs
Arduino	FRDM-K64F

Other:

Hackathons and Gaming

Education

Bachelor of Engineering, Computer Engineering

McMaster University, Hamilton ON   *April 2023*

- Achieved a cumulative grade point average of 3.5 on a 4.0 scale

Experience

Engineering Document Control Student

Siemens, Concord ON   *May – Dec 2020*

- Improved project completion rate 15% by generating metrics for finding key faults associated with the production line
- Led daily team meetings to review change orders and change requests to create stronger communication between teams
- Created streamlined processes for ensuring record keeping accuracy among all departments

Relevant Projects

Hardware Image Decompressor   *Jan – March 2021*

- Implemented an image decompressor using an Altera DE2 board
- Programmed a system of FSMs in Verilog to perform image decompression on a compressed 320X240 image
- Increased common case efficiency in interpolation and colour space conversion by achieving 93% utilization of onboard multipliers

Extracurricular Activities

DeltaHacks   *Jan 2021*

- Collaborated in a team of 5 to create a working hack to solve (problem) by creating (solution) within 24 hour timeframe
- Strengthened adaptability and collaboration skills by creating a working hack within the given time frame

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